SECTION 1

PROJECT DESCRIPTION

Project Title

ADOPTION OF CLEANUP AND ABATEMENT ORDER R5-2008-XXX, FOR FRANK AND SHARI GUINTA AND JAMES AND MARILYN RAMSEY FOR 2072 WEST YOSEMITE AVENUE, SAN JOAQUIN COUNTY

Project Description

The California Regional Water Quality Control Board, Central Valley Region, (Board) proposes to issue a new Cleanup and Abatement Order in accordance with Section 13304 of the California Water Code in response to an unauthorized release of petroleum hydrocarbons.

Mr. Frank Guinta, Ms. Shari Guinta, Mr. James and Mrs. Marilyn Ramsey (hereafter collectively known as Dischargers) owned and/or operated Frank's One Stop gasoline service station (Site) located at 2072 West Yosemite Avenue in Manteca. On 2 May 1992, the San Joaquin County Environmental Health Department (SJCEHD) submitted an Unauthorized Release Report for a gasoline leak from the fuel dispensers at the Site. In June 1998, two 10,000-gallon diesel underground storage tanks (USTs) and four 10,000-gallon gasoline USTs were removed. Petroleum hydrocarbons, including methyl-tert butyl ether (MTBE), were detected in soil and groundwater samples from the tank excavation. In August 2000, an approved interim groundwater pump and treat system was initiated. In September 2000, 13 offsite residential supply wells were discovered impacted by petroleum hydrocarbons from the Site, and wellhead treatment systems were installed. On 1 January 2003, the Discharger's consultant turned off the on-site remedial system. The Dischargers did not comply with SJCEHD's directive to restart the remedial system immediately, and in March 2003, the Water Board obtained lead agency status.

On 18 August 2003, the Water Board's Executive Officer issued Cleanup and Abatement Order (CAO) No. R5-2003-0713. The CAO directed the Dischargers to maintain and test domestic wellhead treatment systems, submit a Site Investigation Report, a Corrective Action Plan Report, and Quarterly Monitoring Reports and to implement remedial actions. On 16 November 2004, the Water Board's UST Program Manager issued a subsequent Notice of Violation letter for failure to comply with the CAO. Since January 2005, the Dischargers have not maintained or tested the domestic well-head treatment systems nor submitted the requisite reports. Prior remedial efforts at the site included removal of leaking underground storage tanks and associated piping, overexcavation of contaminated soils, groundwater pump and treatment, soil vapor extraction, and air sparging. Currently maintenance, sampling and analyses of the private wellhead treatment systems, and other corrective action activities are being conducted at the State's expense.

The purpose of the proposed CAO is to update the findings in a new CAO, set new due dates for investigation and cleanup, and reflect current site conditions.

Existing investigation techniques for soil and groundwater include the drilling of soil borings by establish boring/well drilling techniques typically using a c-47 class drill rig or by hydraulic push techniques using Geoprobe/hydropunch equipment. Based upon the surrounding physical environment and the proximity to businesses/single family dwellings, this type of investigation is conducted over the space of hours to a few days and is minimally disruptive, with the primary potential nuisance being drilling noise. Existing wastewaster treatment technology includes both in-situ and ex-situ technologies. In-situ technologies include the injection of oxygen/other compounds to enhance microbial activity and destruction of the identified contaminants. The method is done subsurface with minimal space needs for the aboveground equipment used to apply and monitor injections. Ex-situ remedial technology requires the extraction of contaminated groundwater, followed by air-stripping and or activated carbon destruction of the contaminants. Treated wastewater is then disposed of by subsurface infiltration, discharge to the local sanitary sewer system, or discharge to local surface water via approved conveyance systems.

Monthly, quarterly, and annual reports are required to ensure compliance with effluent limits and to detect any effect on groundwater. Following remediation of the contamination a limited monitoring program is required to ensure remediation has been completed and there are no rebound of contaminants.

The Board is the Lead Agency in complying with the California Environmental Quality Act (CEQA) in accordance with the Public Resource Code, Section 21000, et seq., and the State CEQA Guidelines. The project, as proposed, will not have a significant adverse effect on the environment, as that term is defined in Public Resources Code section 21068, and will result in the restoration of State groundwater resources. The Board's staff has prepared a Mitigated Negative Declaration for Board certification.

Project Location

The immediate area surrounding the intersection of Airport Way and West Yosemite Avenue, Manteca, San Joaquin County.

Lead Agency

California Regional Water Quality Control Board, Central Valley Region, Sacramento

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